

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003435**Date Inspected:** 07-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1830**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Sun Bo**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Joe Lanz arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China. While on site the QA Inspector observed and/or discovered the following.

Bay 3 – New Tower Building**Final Visual Inspection**

This QA inspector participated in three party final visual inspection of completed deck panels and repairs. The visual inspection was performed by Sun Bo of ZPMC and Kevin Chin of ABF. The welds and repairs were found visually acceptable per Caltrans Engineer Approved Repair Procedure. The deck panel designation numbers are as follows: 5BE DP325-001, 5BE DP325-002 and 5BW DP217-001.

Magnetic Particle Inspection

This QA Inspector witnessed magnetic particle testing of approximately 10% of the completed Deck Panel welds after repair. The testing was performed by Cai Xinxin and Xu Hai of ZPMC. This QA Inspector performed magnetic particle testing of approximately 1% of the completed Deck Panel welds in or near the areas tested by ZPMC personnel. A Magnetic Particle Test Report (TL-6028) was generated on this date. The deck panel designation numbers are as follows: 5BE DP325-001, 5BE DP325-002 and 5BW DP217-001.

Summary of Conversations:

No relevant conversations.

WELDING INSPECTION REPORT

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Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Lanz,Joe	Quality Assurance Inspector
Reviewed By:	Cochran,Jim	QA Reviewer
